Our exclusive line of extruded rifle powders – Hodgdon Extreme™ – was developed to give shooters consistent performance, load after load, in even the most extreme heat and cold.
H4198

This Extreme Extruded propellant has gone through some changes since its inception, all the time maintaining the same important burning speed of the past. The kernels were shortened for improved metering and necessary elements were added to make it extremely insensitive to hot/cold temperatures. H4198 is outstanding in cartridges like the 222 Remington, 444 Marlin and the 7.62 X 39. Available in 1 lb. & 8 lb. containers. 

*Take the Extreme Tour*

H322®

This Extreme Extruded powder has won more bench rest matches than all other propellants combined. It provides match grade accuracy in small and medium capacity cartridges like the 223 Remington, 6mm PPC and the 7mm TCU. As a fine extruded powder, it flows through powder measures with superb accuracy. Available in 1 lb. & 8 lb. containers. 

*Take the Extreme Tour*

BENCHMARK

As the name implies, this Extreme Extruded propellant was developed for precision cartridges. As such, it is ideally suited for benchrest and small varmint cartridges like the 6mm PPC, 22 PPC, 6mm BR, 223 Rem. and 222 Rem. Additionally, it performs superbly in the 204 Ruger and with light match bullets in 308 Winchester. With small, easy metering granules, competitors will love how it flows through progressive presses. Available in 1 lb. & 8 lb. containers. 

*Take the Extreme Tour*

H4895®

This is a most versatile rifle powder. This member of the Extreme Extruded line powder is great for 17 Remington, 250-3000 Savage, 308 Winchester and 458 Winchester, to name just a few. It is amazingly accurate in every cartridge where it is listed in our data. It had its origin in the 30-06 as a military powder and was the first powder Bruce Hodgdon sold to the loading public. Available in 1 lb. & 8 lb. containers. 

*Take the Extreme Tour*

VARGET®

The first of Hodgdon's revolutionary Extreme Extruded Powders, VARGET features small extruded grains for uniform metering, insensitivity to hot/cold temperatures and higher energy for improved velocities over other powders in its burning speed class. Easy ignition and clean burning characterize other features that translate into superb accuracy, higher scores and more clean, one shot kills. The perfect powder for competitive Match shooting 223 Remington and Heavy bullets. Outstanding performance and velocity can be obtained in such popular cartridges as the 223 Remington, 22-250 Remington, 308 Winchester, 30-06, 375 H&H and many more. Available in 1 lb. & 8 lb. containers. 

*Take the Extreme Tour*

H4350

This Extreme Extruded propellant is a burning speed that has been known to shooters for decades. During that time, Hodgdon has modernized H4350 by shortening the grains for improved metering and making it insensitive to hot/cold temperatures. H4350 is ideal in the WSM family of calibers (270, 7mm, 30, 325). H4350 is the standard in such cartridges as the 243 Winchester, 6mm Remington, 270 Winchester, 338 Winchester Magnum and many more. For magnums with light to moderate weight bullets, it can't be beat! Available in 1 lb. & 8 lb. containers. 

*Take the Extreme Tour*
**H4831® & H4831SC®**

It is probably safe to say more big game has been taken with H4831 than any other powder. Bruce Hodgdon was the first supplier to introduce this popular burning rate in 1950. Since that time it has become a favorite for cartridges like the 270 Winchester, 25-06 Remington, 280 Remington and 300 Winchester Magnum. As an Extreme Extruded propellant it shares the fine quality of insensitivity to hot/cold temperatures, as well as superb uniformity from lot to lot.

H4831SC - Ballistically, this Extreme Extruded powder is the exact copy of H4831. Physically, it has a shorter grain size, therefore, the designation SC or short cut. The shorter, more compact kernels allow the powder to flow through the powder measures more smoothly, helping to alleviate the constant cutting of granules. With the smoother flow characteristics comes more uniform charge weights, while the individual grains orient more compactly, creating better loading density. Available in 1 lb. & 8 lb. containers. *Take the Extreme Tour*

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**H1000™**

This very slow burning Extreme Extruded powder is perfect for highly overbored magnums like the 7mm Remington Magnum, 7mm STW and the 30-378 Weatherby. In addition, with heavy bullets, H1000 gives top velocity and performance in such cartridges as the 6mm-284, 257 Weatherby, 270 Winchester, and 300 Winchester Magnum. In a short period of time this powder has achieved considerable notoriety among long range match shooters. Available in 1 lb. & 8 lb. containers. *Take the Extreme Tour*

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**RETUMBO®**

This magnum powder was designed expressly for the really large overbored cartridges such as the 7mm Remington Ultra Magnum, 300 Remington Ultra Magnum, 30-378 Weatherby Magnum, etc. RETUMBO adds 40-100 fps more velocity to these cartridges when compared to other normal magnum powders. In addition, it is an Extreme Powder, making it perfect for big game hunting under all types of conditions. Available in 1 lb. & 8 lb. containers. *Take the Extreme Tour*

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**H50BMG**

As the name implies, this new generation Extreme Extruded rifle propellant is a clean burning powder designed expressly for the 50 caliber BMG cartridge. Because it shares the same technology as VARGET, H50BMG displays a high degree of thermal stability in temperature extremes. Tests have conclusively proven that H50BMG yields very low extreme spreads in velocity and pressure. All this translates into small groups at extended ranges! Available in 1 lb. & 8 lb. containers. *Take the Extreme Tour*

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**Go to Shotgun/Pistol**

**Go to Spherical Rifle Powder**

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http://www.hodgdon.com/extreme.htm
In the shooting world there are two kinds of people.

Those who like to plink around, with little or no regard to accuracy and consistency. And then there are those who take the discipline of shooting to a whole new extreme. Shooters, not unlike yourself, who sense changes in performance with changes in the weather. People who recognize lot differences in certain powders with a single pull of the trigger. For those discriminating few, Hodgdon is proud to offer the Extreme Series.
EXTREME RIFLE POWDERS

This exclusive line of extruded powders was developed with extreme conditions in mind.

They’re manufactured so you can’t tell the difference in performance from one lot to the next. And whether you’re hunting deer in the dead of winter or prairie dogs in the middle of July, you’ll get the same consistent performance, load after load. Some would say our obsession with performance is a bit extreme. We couldn’t agree more.

TEMPERATURE EXTREMES

You live in the "real" world, where 12 point bucks are rare and it’s never 70°F when you decide to fire your rifle. Where you shoot it’s either freezing cold or burning hot. Not exactly ideal conditions for your rifle, or you for that matter. Fortunately, Hodgdon’s Extreme powders perform just as well at 125°F as they do at 0°F. Using an exclusive extrusion process and exacting quality standards, Hodgdon has created a line of propellants that performs better at hot and cold temperatures than any other powder on the market. So when you sight in your rifle this summer, you can count on unbeatable accuracy this winter.

LOT CONSISTENCY

Hodgdon goes through painstaking measures to ensure that all powder is consistent from lot to lot. And while the casual user may never notice, you certainly will. No matter when you purchase Hodgdon powder, you can feel confident that the performance you receive from one lot will match that of another.


7/13/2012
SHORT GRAIN METERING

With Hodgdon Extreme powders you get the best of both worlds. On one hand you get extruded performance that outperforms the best long grain powders on the market in any kind of weather. On the other, the shorter grains produced in the extrusion process meter extremely well. That means you can use Extreme powders in progressive loaders for high volume loading. Whether you’re loading for targets, big game, plinking or varmints, Hodgdon has an extruded powder that will work for you.
# EXTREME RIFLE POWDERS

## ACTUAL DATA COMPARING EXTREME SPREADS

### 30-06 | 300 Win. Mag | 308 Win. | 22-250 Rem.

<table>
<thead>
<tr>
<th>POWDER</th>
<th>H4350</th>
<th>RELODER 19</th>
<th>IMR 4350</th>
<th>VIT N550</th>
<th>AA 4350</th>
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<td>50,100 CUP</td>
<td>47,100 CUP</td>
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<tr>
<td>Pressure 125 Deg. F</td>
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<td>47,800 CUP</td>
<td>50,900 CUP</td>
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<td>51,700 CUP</td>
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<td>Pressure Variation (Cold)</td>
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<td>Velocity Variation (Cold)</td>
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<td>Pressure 0 Deg. F</td>
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<td>Velocity 0 Deg. F</td>
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<td>+2,100 CUP</td>
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<td>Pressure Variation</td>
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<th>(Cold)</th>
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<th>-1,600 CUP</th>
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<tbody>
<tr>
<td>Velocity Variation (Hot)</td>
<td>+10 f/s</td>
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<td>Extreme Pressure Spread</td>
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**CARTRIDGE:** 308 Win. • **CASE:** W-W
**PRIMER:** WLR • **BULLET:** 168 gr. Sierra BTHP

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<th>POWDER</th>
<th>VARGET</th>
<th>WIN. 748</th>
<th>RELOADER 15</th>
<th>VIT N140</th>
<th>IMR 4064</th>
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<tr>
<td>Pressure 125 Deg. F</td>
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<td>51,100 CUP</td>
<td>47,300 CUP</td>
<td>51,000 CUP</td>
<td>49,700 CUP</td>
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<tr>
<td>Pressure 0 Deg. F</td>
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<td>47,300 CUP</td>
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<td>47,500 CUP</td>
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<td>Pressure Variation (Cold)</td>
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<td>-2,100 CUP</td>
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<td>+600 CUP</td>
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<td>Velocity Variation (Hot)</td>
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<td>Velocity Variation (Cold)</td>
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**CARTRIDGE:** 22-250 Rem. • **CASE:** W-W
**PRIMER:** WLR • **BULLET:** 55 gr. Speed FMJ-BT

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<th>POWDER</th>
<th>H4895</th>
<th>VIT N140</th>
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<td>Pressure 0 Deg. F</td>
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<td>+4,100 CUP</td>
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<td>Velocity Variation (Hot)</td>
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